



# Lark Engineering Company (India) Pvt. Ltd.

I.T.I. Sasouli Road, Yamuna Nagar - 135 001 (Haryana)

Form No.

CNC/QA/FM/03

Rev. No.

01

## Final Inspection (Pellet Dies) after Hardening & Finishing

Rev. Date

31-07-2013

| S.No.                      | Check Parameter                              | Specification                | Observations      | Remarks                  |
|----------------------------|--|------------------------------|-------------------|--------------------------|
| 1.                         | Work order No.                               |                              | 12034             | 29/45                    |
| 2.                         | Visual Inspection                            |                              | ok - 3.0 mm (SEW) | Dmg 76 - 1062 A1         |
| 3.                         | Pellet Die No.                               |                              | 12534             | 57-ak                    |
| 4.                         | Hardened by                                  |                              | Work Penner       | Relief - ak              |
| 5.                         | Received by after hardening (Name)           |                              | Jayfer            | (2-2) 3 19mm             |
| 6.                         | Hardness achieved on 1 <sup>st</sup> side    |                              | 52.1 - 52.2 HRC   | Relief $\phi$ 3.5 3 16mm |
| 7.                         | Hardness achieved on 2 <sup>nd</sup> side    |                              | 49.9 - 49.6 HRC   | Caution - ak             |
| 8.                         | Ovality after hardening 1 <sup>st</sup> side |                              | (0.3) mm          | PO - 455 mm              |
| 9.                         | Ovality after hardening 2 <sup>nd</sup> side |                              | (0.1) mm          | Lapping $\phi$ 314"      |
| 10.                        | Outside Diameter                             |                              | 510 mm            | Dap - 18.7 mm            |
| 11.                        | Inside Diameter                              |                              | 420 mm            | Lapping HO of            |
| 12.                        | Width of die                                 |                              | 173 mm            | Hals - 8                 |
| Inspected By (Sign) & Date |  | Jayfer 3/6/24                |                   |                          |
| 1.                         | Finish Fitting size 1 <sup>st</sup> side     | 488.7 $\pm$ .10 $\pm$ .10 mm |                   |                          |
| 2.                         | Finish Fitting size 2 <sup>nd</sup> side     | 488.7 $\pm$ .11 $\pm$ .12 mm |                   |                          |
| 3.                         | Finish size made by                          |                              |                   |                          |
| Inspected By (Sign) & Date |  | Jayfer 3/6/24                |                   |                          |
| 1.                         | Supplied to (Customer Name)                  | Borqmetti Agoo, Karnataka    |                   |                          |
| 2.                         | Dispatch Date                                |                              |                   |                          |
| Reported By (Sign) & Date  |  | Jayfer 3/6/24                |                   |                          |

1002 - CW/PNK

Reviewed by (Engineer-CNC)  
Satoru 3/6/24

Manager-CNC